

FW7804-FNC

2MP Mini Speed Dome

FW7804-FNC is a 2M Mini Speed Dome camera which equipped with a 2MP Progressive Scan CMOS image Sensor supports simultaneous H.265, H.264 and MJPEG Video Compression, less network bandwidth and storage space required. FW7804-FNC also delivers high quality video at 30 fps@ Full HD in progressive mode. it will provide the best IP surveillance solution with a remote monitoring via the Pan / Tilt / Zoom, RS232, two-way Audio, Motion Detection

Key Features

- Ambarella platform – Backdoor Issue free
- Panasonic 1/3" 2MP Panasonic CMOS sensor
- Optical 10x zoom, Digital 32x zoom
- Quadruple Streaming
- Max. 30fps @ 2M (1920 x 1080)s
- Various Back light mode of WDR, BLC, HLC
- ONVIF Profile S standard



Tech Notes

Powerful H.265 codec

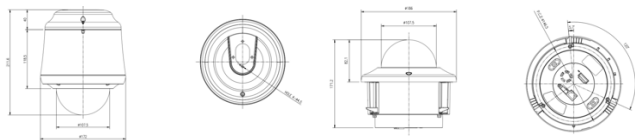
H.265 codec gives more efficient file size than previous H.264 to save storage and bandwidth. Also to have interoperability with legacy systems

Optimized Multiple Profile Streaming

Up to 4 streams are able to be set by different setting parameters such as res. video rate and frame rate to be serviced for different purposes

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Technical Specifications



Camera	
Image Sensor	1/3" Panasonic 2.48MP CMOS
Lens	Optical 10x (Digital 32x) f=5.1~51.0mm (F1.6~F1.8) FOV(H) : 54.0°~4.9°
Day & Night	True Day & Night (ICR)
Min. Illumination	Color 1/30s : 0.05 lux, B&W 1/30s : 0.005 lux Color DSS on : 0.002 lux, B&W : 0.0001 lux
IR illumination	-
Pan Tilt Zoom	Pan : 360° Endless / Tilt : 0~90° Preset 500°/sec, JOG 0.05° ~ 360°/sec (zoom proportional) Optical Zoom 10x, Digital Zoom 32x (Total 320x) 209 Presets, 4 Patterns, 10 Swing, 8 Group, 8 Schedules. Auto flip, Auto parking, Power-up action. Text display by 8 Pan angles.
Video Stream	
System	Ambarella 32bit Embedded Linux 256Mbyte SDRAM, 128Mbyte NAND Flash
Compression	H.265, H.264, M-JPEG, JPEG
Video Stream	Quadruple Streaming
Resolution	1920x1080, 1280x1024, 1280x720, 704x480, 640x480, 320x240
Max. Frame rate	Max. 30fps/25fps @ 2MP
Bit Rate Control	VBR/AVBR/CBR/ACBR, GOP
Video Setting	
Exposure Control Mode	Auto/ Manual/ Shutter Priority/ Iris Priority
Focus Control	Auto Focus/ Manual Focus/ Manual Trigger/ Zoom Trigger/ Interval Trigger
Electronic Shutter	1/6~1/30,000s
Exposure Compensation	-12dB ~ +12dB
Slow Shutter	Off / On
AGC	0 ~ 10
Back Light Mode	BLC, HLC, WDR, ACE
Day-Night Mode	Auto/ Day/ Night
White Balance	Auto/ Indoor/ Outdoor/ OnePush/ Manual
Digital Noise Reduction	Off/ Auto/ Low/ Mid/ High
Image Adjustment	HLC, Stabilizer, Gamma
Text OSD	9 lines, settable size, color, position, etc.
Smart Video	ROI (Region of Interest) 8 areas
Privacy Masking	8 Areas
Analytics	
Motion Detection	4 areas
Object Detection	-
Video Analytic	(Option) Motion detection. Optional: ROI, Tripwire, Tampering, Face Detection
Network	

Security	IP Filtering, HTTPS, Encrypted & Basic Authentication, Management White List
Supported Protocols	HTTP, RTP/RTSP (Uni/Multicast), TCP/IP (v4/v6), UDP, FTP, Telnet, HTTPS, RARP, SNMP (option), DHCP, NTP, SMTP client, uPnP, ZeroConf
DDNS	www.ipcctvdns.com
Interface	RJ45 Ethernet 10/100Mbps
Cybersecurity	
Asymmetric Encryption Algorithm	RSA 2048 bits
Digital Signature Algorithm	RSA 2048 bits
Symmetric Encryption Algorithm	AES-128, AES-256
Cryptographic Hash Functions	SHA-256, MD5
Token Authentication Code	SHA-256, MD5
Key Exchange Protocols	RSA Key Exchange
Certificate	X.509
System Integration	
Application Programming Interface	SDK, ONVIF Profile S
Event Condition	Motion detection, audio detection, external digital input, external input data, SD card error
Event Action	Pre-alarm & Post-alarm buffer Image upload: FTP (periodic, buffer) Notification: email, HTTP, TCP, UDP External digital output
Peripheral & Auxiliary I/O	
Onboard Recording	MicroSD card slot, support up to 1TB
Audio	Line in, line out Audio compression: G.711-ulaw, Sampling rate 8KHz, 16bit, Mono Audio streaming: 2-way
External alarm	4 digital input, 2 digital output (NO/NC)
Serial interface	1 RS485
Video out	CVBS (SD analog)
Software	
Web Browser	IE, Chrome, Edge
Mobile Viewer	iOS, Android
CMS	Smart Multi Viewer and Player
NVR	SmartNVR (up to 9 channels free license)
Device manager	IP Installer
General	
Case/ Color	Metal
Power Supply	DC12V or PoE 802.3at
Power Consumption	Indoor : Operating (1.5A) Outdoor : Operating (2.5A), Max (Heater 5W / Fan On)
Operating Environment	-40°C ~ +60°C, 0% ~ 90% RH
Dimension	172Ø x 171.2(L) x 161.6(H) mm (In-Ceiling Type Standard)
Weight	About 2200g without Power Supply
Protection	IP66
Certifications	KC, CE, FCC, RoHS
Included Accessories	DC adapter 12V/5A, wall-mount bracket

Note : Specifications are subject to change without notice for product improvement.